

## **INFORMATION ON HOW TO EFFECT DRAWING CHANGES**

### **1. Correction of Informalities--37 CFR 1.85**

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Processing Branch.

### **2. Timing for Corrections**

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

### **3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948**

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

**NOTICE OF DRAFTSPERSON'S  
PATENT DRAWING REVIEW**

The drawing(s) filed (insert date) 7/26/99 are:

approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:	ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
<input type="checkbox"/> Black ink. Color	Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that top becomes the right side; except for graphs. Fig(s) _____
<input type="checkbox"/> Color drawings are not acceptable until patent is granted.	9. SCALE. 37 CFR 1.84(k)
<input type="checkbox"/> Fig(s) _____	Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
<input type="checkbox"/> Pencil and non black ink not permitted. Fig(s) _____	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(i)
<input type="checkbox"/> 2. PHOTOGRAPHS. 37 CFR 1.84 (b).	Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____
<input type="checkbox"/> 1 full-tone set is required. Fig(s) _____	11. SHADING. 37 CFR 1.84(m)
<input type="checkbox"/> Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____	Solid black areas pale. Fig(s) _____
<input type="checkbox"/> Poor quality (half-tone). Fig(s) _____	Solid black shading not permitted. Fig(s) _____
<input type="checkbox"/> 3. TYPE OF PAPER. 37 CFR 1.84(e)	Shade lines, pale, rough and blurred. Fig(s) _____
<input type="checkbox"/> Paper not flexible, strong, white, and durable. Fig(s) _____	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
<input type="checkbox"/> Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____	Numbers and reference characters not plain and legible. Fig(s) _____
<input type="checkbox"/> Mylar, velum paper is not acceptable (too thin). Fig(s) _____	Figure legends are poor. Fig(s) _____
<input type="checkbox"/> 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:	Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)
<input type="checkbox"/> 21.0 cm by 29.7 cm (DIN size A4)	Fig(s) _____
<input type="checkbox"/> 21.6 cm by 27.9 cm (8 1/2 x 11 inches)	English alphabet not used. 37 CFR 1.84(p)(2)
<input type="checkbox"/> All drawing sheets not the same size. Sheet(s) _____	Fig(s) _____
<input type="checkbox"/> Drawings sheets not an acceptable size. Fig(s) _____	Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
<input type="checkbox"/> 5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	Fig(s) _____
Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size	13. LEAD LINES. 37 CFR 1.84(q)
Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11	Lead lines cross each other. Fig(s) _____
Margins not acceptable. Fig(s) _____ Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____	Lead lines missing. Fig(s) _____
<input type="checkbox"/> 6. VIEWS. 37 CFR 1.84(h)	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)
REMINDER: Specification may require revision to correspond to drawing changes.	Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____
Partial views. 37 CFR 1.84(h)(2)	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
<input type="checkbox"/> Brackets needed to show figure as one entity. Fig(s) _____	Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
<input type="checkbox"/> Views not labeled separately or properly. Fig(s) _____	16. CORRECTIONS. 37 CFR 1.84(w)
<input type="checkbox"/> Enlarged view not labeled separately or properly. Fig(s) _____	Corrections not made from prior PTO-948 dated _____
<input type="checkbox"/> 7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)	17. DESIGN DRAWINGS. 37 CFR 1.152
Hatching not indicated for sectional portions of an object. Fig(s) _____	Surface shading shown not appropriate. Fig(s) _____
Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____	Solid black shading not used for color contrast. Fig(s) _____

**COMMENTS**

REVIEWER \_\_\_\_\_

DATE 10/20/99TELEPHONE NO. 308-0011